

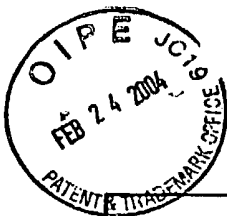
PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/644,668
				Filing Date	August 24, 2000
				First Named Inventor	Alan J. Korman
				Art Unit	1644
				Examiner Name	J. H. Roark I. Ourspenski
Sheet	1	of	3	Attorney Docket Number	04280/100M321-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
J.O.	1	US-6,682,736-B1	01-27-2004	Hanson et al.	
	2	US-5,648,471-B1	07-15-1997	Buttram et al.	
	3	US-4,399,216-B1	08-16-1983	Axel et al.	
	4	US-4,681,581-B1	07-21-1987	Coates	
	5	US-4,683,195-B1	07-28-1987	Mullis et al.	
	6	US-4,683,202-B1	07-28-1987	Mullis	
	7	US-4,735,210-B1	04-05-1988	Goldenberg	
	8	US-4,740,461-B1	04-26-1988	Kaufman	
	9	US-4,816,397-B1	03-28-1989	Boss et al.	
	10	US-4,921,040-B1	05-01-1990	Ueruenduel et al.	
	11	US-4,959,455-B1	09-25-1990	Clark et al.	
	12	US-5,101,827-B1	04-07-1992	Goldenberg	
	13	US-5,151,510-B1	09-29-1992	Stec et al.	
	14	US-5,194,594-B1	03-16-1993	Khawli et al.	
	15	US-5,434,131-B1	07-18-1995	Linsley et al.	
	16	US-5,530,101-B1	06-25-1996	Queen et al.	
	17	US-5,545,807-B1	08-13-1996	Surani et al.	
	18	US-5,585,089-B1	12-17-1996	Queen et al.	
	19	US-5,591,669-B1	01-07-1997	Krimpenfort et al.	
	20	US-5,612,205-B1	03-18-1997	Kay et al.	
	21	US-RE 35,500-B1	05-06-1997	Rhodes	
	22	US-5,643,763-B1	07-01-1997	Dunn et al.	
	23	US-5,693,761-B1	12-02-1997	Queen et al.	
	24	US-5,693,792-B1	12-02-1997	Torii et al.	
	25	US-5,697,902-B1	12-16-1997	Goldenberg	
	26	US-5,703,057-B1	12-30-1997	Johnston et al.	
	27	US-5,714,350-B1	02-03-1998	Co et al.	
	28	US-5,721,367-B1	02-24-1998	Kay et al.	
	29	US-5,733,743-B1	03-31-1998	Johnson et al.	
	30	US-5,741,957-B1	04-21-1998	Deboer et al.	
	31	US-5,750,172-B1	05-12-1998	Meade et al.	
	32	US-5,756,687-B1	05-26-1998	Denman et al.	
	33	US-5,773,253-B1	06-30-1998	Linsley et al.	
	34	US-5,777,085-B1	07-07-1998	Co et al.	
	35	US-5,789,215-B1	08-04-1998	Berns et al.	
	36	US-5,827,690-B1	10-27-1998	Meade et al.	
	37	US-5,916,771-B1	06-29-1999	Hori et al.	
	38	US-6,051,227-B1	04-18-2000	Allison et al.	
	39	US-6,207,156-B1	03-27-2001	Kuchroo et al.	
	40	US-6,255,458-B1	07-03-2001	Lonberg et al.	
J.O.	41	US-2002/0086014-A1	04-04-2002	Korman et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)				
Examiner Signature		Ilian Ourspenski	Date Considered	12/13/2004		



PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	09/644,668
				Filing Date	August 24, 2000
				First Named Inventor	Alan J. Korman
				Art Unit	1644
				Examiner Name	J. H. Roark J. Auspenski
Sheet	2	of	3	Attorney Docket Number	04280/100M321-US1

I.O.	42	CA-2,205,680-B1	11-16-1998	The University of Western Ontario	
	43	EP-0 216 846-B2	04-26-1995	Celltech Limited	
	44	EP-0 256 055-B1	08-28-1991	Celltech Limited	
	45	EP-0 323 997 B1-B1	04-21-1993	Celltech Limited	
	46	EP-0 338 841-B1	03-22-1995	Celltech Limited	
	47	EP-0 463 151-B1	06-12-1996	Cell Genesys Inc.	
	48	EP-0 546 073-B1	09-10-1997	GenPharm International, Inc.	
	49	WO-WO 92/22647-A1	12-23-1992	GenPharm International, Inc.	
	50	WO-WO 97/20574-A1	06-12-1997	The Regents of the University of California	
	51	WO-WO 97/38137-A1	10-16-1997	Mercator Genetics, Inc.	
	52	WO-WO 98/46996-A2	10-22-1998	The John P. Robarts Research Institute	
	53	WO-WO 97/13852-A1	04-17-1997	GenPharm International, Inc.	
	54	WO-WO 95/03408-A1	02-02-1995	Dana-Farber Cancer Institute	
	55	WO-WO 98/50433-A2	11-12-1998	Abgenix, Inc.	
	56	WO-WO 00/00569-A1	01-06-2000	National Silicates Ltd.	
	57	WO-WO 96/14436-A1	05-17-1996	GenPharm International, Inc.	
	58	WO-WO 96/22380-A2	07-25-1996	Cell Genesys, Inc.	
	59	WO-WO 01/14424-A2	03-01-2001	Medarex, Inc.	
	60	WO-WO 92/22670-A1	12-23-1992	GenPharm International, Inc.	
	61	WO-WO 93/00431-A1	01-07-1993	Bristol-Myers Squibb Company	
	62	WO-WO 95/01994-A1	01-19-1995	Synergen, Inc.	
	63	WO-WO 95/24217-A1	09-14-1995	Dana-Farber Cancer Institute	
	64	WO-WO 00/32231-A1	06-08-2000	The Regents of the University of California	
I.O.	65	WO-WO 94/29444-A1	12-22-1994	The Government of the United States of America	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
I.O.	66	L. Green et al.: "Regulation of B Cell Development by Variable Gene Complexity in Mice Reconstituted with Human Immunoglobulin Yeast Artificial Chromosome," J. Exp. Med., Volume 188, Number 3, August 3, 1998 483-495.		
I.O.	67	L. Green et al.: "Antigen-specific human monoclonal antibodies from mice engineered with human Ig heavy and light chain YACs," Nature Genetics, Vol. 7, May 1994.		
I.O.	68	T. Choi et al.: "Transgenic mice containing a human heavy chain immunoglobulin gene fragment cloned in a yeast artificial chromosome," Nature Genetics, Vol. 4, June 1993.		
I.O.	69	N. Tuailon et al.: "Human immunoglobulin heavy-chain minilocus recombination in transgenic mice: Gene-segment use in $\mu$ and $\gamma$ transcripts," Proc. Natl. Acad. Sci. USA.. Vol. 99, pp.		

Examiner Signature	J. H. Roark J. Auspenski	Date Considered	12/13/2004
--------------------	--------------------------	-----------------	------------



PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	09/644,668
				Filing Date	August 24, 2000
				First Named Inventor	Alan J. Korman
				Art Unit	1644
				Examiner Name	J. H. Roark - J. Ouspenski
				Attorney Docket Number	04280/100M321-US1
Sheet	3	of	3		

		3720-3724, April 1993, Immunology.	
50	70	N. Tuaillon et al.: "Analysis of Direct and Inverted DJ <sub>H</sub> Rearrangements in a Human Ig Heavy Chain Transgenic Minilocus," The Journal of Immunology, 1995, 154: 6453-6465.	
	71	L. Taylor et al.: "Human immunoglobulin transgenes undergo rearrangement, somatic mutation and class switching in mice that lack endogenous IgM," International Immunology, Vol. 6, No. 4, pp. 579-591. 1994.	
	72	N. Lonberg et al.: "Antigen-specific human antibodies from mice comprising four distinct genetic modifications," Nature, Vol. 368, 28 April 1994.	
	73	M. Mendez et al.: "Functional transplant of megabase human immunoglobulin loci recapitulates human antibody response in mice," Nature Genetics, Volume 15, February 1997.	
	74	L. Taylor et al.: "A transgenic mouse that expresses a diversity of human sequence heavy and light chain immunoglobulins," Nucleic Acids Research, 1992, Vol. 20, No. 23, pp. 6287-6295.	
50	75	J. Chen et al.: "Immunoglobulin gene rearrangement in B cell deficient mice generated by targeted deletion of the Jh locus," International Immunology, Vol. 5, No. 6, pp. 647-656. 1993.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Ilia Ouspenski	Date Considered	12/13/2004
--------------------	----------------	-----------------	------------